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ABSTRACT

This guide lists 144 Federal programs through which health manpower training was supported in fiscal year 1970. Each listing provides: (1) organization, (2) legislation, (3) program, (4) type of aid, (5) level of education, (6) institutions or individuals supported, and (7) funding. (BH)

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HEALTH MANPOWER CLEARINGHOUSE SERIES

Inventory of FEDERAL PROGRAMS THAT SUPPORT HEALTH MANPOWER TRAINING 1970

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Institutes of Health

November 1971

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Inventory of FEDERAL PROGRAMS THAT SUPPORT HEALTH MANPOWER TRAINING 1970

Lucy M. Kramer
Editor

DHEW Publication No. (NIH) 72-146

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service National Institutes of Health
Bureau of Health Manpower Education Division of Manpower Intelligence
National Clearinghouse for Health Manpower Information

November 1971

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
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I N T R O D U C T I O N

The "Inventory of Federal Programs that Support Health Manpower Training--1970" was compiled by the Bureau of Health Manpower Education in response to a request of the Senate Committee on Appropriations, through Senator Warren G. Magnuson, for a "comprehensive and carefully documented report that covers the current status and relationships of all major Federal programs concerned with health manpower."

The Inventory lists 144 separately identified Federal programs through which health manpower training was supported in fiscal year 1970. Eight Departments and five Independent Agencies of the Federal Government received legislative authorizations and appropriations from the Congress to administer one or more of these programs. Of these 144 programs, 94 were exclusively for health manpower training. The aggregate Federal investment approximated $1,094 million.

Two earlier inventories were compiled by this Bureau. The first was issued in 1967 as "Appendix A -- Federal Aid Available for Education and Training of Health Service Personnel" in Health Manpower Perspective: 1967. In that year, 90 separately identified health manpower training programs were in operation; aggregate funds totaled about $400 million. The second compilation, showing funds and program data for fiscal year 1968, was published in the Congressional Record of September 16, 1969, and in the Public Health Service Publication No. 263, Health Manpower Source Book, Section 21, "Allied Health Manpower, 1950-80." A total of 117 Federal manpower training activities were included in the second inventory of which 83 were exclusively for health occupations training; aggregate funds totaled approximately $800 million.

Although the information in the current Inventory was compiled as of September 1970, primarily for a Congressional Committee, and was subsequently distributed to the 13 Federal Departments and Independent Agencies that so graciously and quickly supplied the information, the Division of Manpower Intelligence in the Bureau believes that a wider distribution of the Inventory for FY 1970, even though the data are a year older, would still be both valid and useful. It is therefore being issued in published form as a service to those concerned with the ever-increasing problem of health manpower training.

The Assistant Secretary for Health and Scientific Affairs expressed the hope that "the Division of Manpower Intelligence recently established within the Bureau of Health Manpower Education will be able to undertake the compilation of similar information on a continuing basis..."

That charge the Division of Manpower Intelligence has accepted. Work has already been initiated by the National Clearinghouse for Health Manpower Information of the Division, in the compilation of data to cover Federally-supported health manpower training programs as of fiscal year 1971 and fiscal year 1972.

The National Clearinghouse for Health Manpower Information would welcome any comments, suggestions, or criticisms of the current Inventory that would make future inventories more useful.

In particular, there is need for the development of uniform definitions and format of data presentation to facilitate comparability of data in future compilations.

Data will be updated on a regular basis, at time intervals to be determined by the nature of the data and the changes in legislative requirements.

W A Lybrand

William A. Lybrand, Ph. D.
Director
Division of Manpower Intelligence

P R E F A C E

This Inventory of Federal programs through which health manpower training has been or could be supported was compiled by staff members of diverse Divisions in the Bureau of Health Manpower Education, National Institutes of Health, from information submitted by the various Departments and Independent Agencies. Organizations and programs are given as they existed in September 1970.

Funding of programs is for fiscal year ending June 30, 1970, unless otherwise noted. Program data for FY 1970 are, for the most part, estimates, inasmuch as final figures were not available at the time of compilation. In considering this inventory, it should also be borne in mind that the program count is somewhat arbitrary, since no uniform format could be imposed upon all Agencies. Data listed under the category "Institutions or Individuals Supported" refer only to health occupations, unless otherwise specified.

The funds shown in the Inventory are principally obligations; but where these were not available, appropriations or expenditures were listed. When precise budgetary data were not available at the time of compilation of the report, agencies were encouraged to report estimates. These financial data, therefore, are useful only to show the order of magnitude of the programs and will not agree with fiscal data from other sources.

The figures generally under-represent total funds for health manpower training, because, in a number of individual programs, monies specifically for health manpower training were not identifiable.

In some programs, health manpower training activities are conducted as part of a broader mission--for example, those of the Office of Education and the Department of Labor. In these instances, funds for the health manpower training component are either not separately identifiable or can only be approximated. In other programs, such as those of the Department of Defense or the Veterans Administration, health manpower programs are supported specifically to provide staff for mandated health service activities; but costs were unavailable at the time of compilation of this report.

Assessment of the impact or cost of Federal student-loan programs requires a special approach beyond the scope of this

Inventory. The allocation of Federal funds to loan-granting institutions such as schools or banks in any one fiscal year is not a valid measure of the size of the program. In a guaranteed-loan program, these sums merely represent lenders' losses made good. In loan programs administered by schools, the sums represent the Federal capital contribution to revolving loan funds; therefore, the amounts available for new loans in that year may be considerable in excess of the annual Federal contribution. Moreover, in revolving loan funds, repayment is expected to recapture a substantial proportion of the Federal funds invested.

Distribution of the 144 programs by the 13 Federal Departments and Independent Agencies listed in the Inventory is given in Table 1. Table 2 shows the distribution of the 97 programs for which the DHEW has responsibility out of a total of 144 Federal health manpower training programs. Table 3 gives the key to the abbreviations used in the "Level of Education" category of the Inventory.

An alphabetical index of Federally-supported health manpower training programs, by title and agency, has been added at the end of the Inventory to make the listing more usable. The abbreviations used to indicate the Federal Department or Independent Agency with legislative responsibility for the program appear at the beginning of the index.

Lucy M. Kramer
National Clearinghouse for
Health Manpower Information
Division of Manpower Intelligence

TABLE 1

NUMBER OF PROGRAMS BY THE 13 FEDERAL DEPARTMENTS AND INDEPENDENT AGENCIES IN THE INVENTORY

Name of Department or Independent Agency	No. of Programs
1. Department of Health, Education, & Welfare	97
2. Department of Labor	12
3. Department of Agriculture	4
4. Appalachian Regional Commission	1
5. Atomic Energy Commission	4
6. Department of Commerce	3
7. Department of Defense	1
8. Department of Housing and Urban Development	1
9. Department of Interior	6
10. Department of Justice	3
11. National Science Foundation	1
12. Office of Economic Opportunity	5
13. Veterans Administration	6
TOTAL	144

TABLE 2

DISTRIBUTION OF THE 97 PROGRAMS WITHIN THE DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, BY AGENCY

Name of Agency		No. of Programs
National Institutes of Health		42
Bureau of Health Manpower Education	(26)	
National Library of Medicine	(4)	
Institutes and Research Divisions	(12)	
Health Services and Mental Health Administration		20
Environmental Health Service		9
Environmental Control Administration	(6)	
National Air Pollution Control Administration	(3)	
Social and Rehabilitation Service		5
Food and Drug Administration		2
Office of Education		18
Social Security Administration		1
TOTAL		97

TABLE 3

KEY TO "LEVEL OF TRAINING" CATEGORY

C.....Continuing education at all levels
PD.....Postdoctoral
I & R.....Internships and residencies
D.....Doctoral
M.....Master's
PB.....Post baccalaureate
B.....Baccalaureate
AA.....Associate of Arts degree/Associate of Science degree
V.....Vocational education
O.....Other, diploma RN
HS.....High School
OJT.....On-the-job training
GC.....General consumer/general public

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ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education	
LEGISLATION	Health Professions Educational Assistance Act of 1963 (P.L. 88-129)	
PROGRAM	Health Professions Educational Facilities Construction Grants in medicine, dentistry, osteopathy, optometry, pharmacy, veterinary medicine, podiatry, and public health.	Allied Health Professions Facilities Construction Grants
TYPE OF AID	Grants to assist in the construction or renovation of teaching facilities. Eligible Federal share is as follows: (a) for major expansion, up to 66 2/3%; (b) for minor expansion, up to 50%; and (c) for a school of Public Health, up to 75%.	Grants to assist in the construction or renovation of Allied Health teaching facilities. Eligible Federal share is up to 66 2/3% for major expansion projects and up to 50% for minor expansion projects.
LEVEL OF EDUCATION	D, M, B	B, AA
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Const. Grants to 25 Schools Occupation / Spaces created / Spaces improved Dentist 148 134 Osteopathic Physician 6 - Pharmacist 130 20 Physician 322 311 Veterinarian 46 - TOTAL 652 465	No grants awarded.
FY 70 FUNDS	$138,973,178	None

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ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education	
LEGISLATION	Health Professions Educational Assistance Act of 1963 (P.L. 88-129) as amended through FY 69 and Health Manpower Act of 1968 (P.L. 90-490)	
PROGRAM	Construction Grants for Schools of Nursing (amended by HM Act, Title II, Part A)	Health Research Facilities Construction Grants
TYPE OF AID	Grants to schools for construction or renovation of teaching facilities. Matching requirement: Federal share up to 66 2/3% for major expansion and new schools and up to 50% for renovation.	Grants to universities or other eligible institutions for construction of facilities for research and research training in sciences related to health.
LEVEL OF EDUCATION	D, M, B, O, AA	PD, D, M
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Const. Grants to 11 Schools Program Level / No. of Schs. / Spaces New / Spaces Maint. Baccal. 7 465 1,327 Associate 3 275 60 Diploma 1 15 90 TOTAL 11 755 1,477	Construction grants to 4 institutions.
FY 70 FUNDS	$11,414,032	$665,991

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ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education--Continued	
LEGISLATION	Health Professions Educational Assistance Act of 1963 (P.L. 88-129) as amended through FY 69 and Health Manpower Act of 1968 (P.L. 90-490)	
PROGRAM	Health Professions Educational Improvement Grants (Institutional and Special Project) in medicine, dentistry, osteopathy, optometry, podiatry, pharmacy, and veterinary medicine.	Health Professions Scholarship Grants in medicine, dentistry, osteopathy, optometry, pharmacy, and podiatry; veterinary medicine in FY 70.
TYPE OF AID	Institutional grants by formula to increase enrollments and improve quality. Special grants by project to increase enrollments, alleviate serious financial need, and improve the quality of education in the health professions.	Scholarship grants to students of exceptional financial need through schools of health professions. Up to $2,500 per 12-month period for costs reasonably necessary for full time attendance.
LEVEL OF EDUCATION	D, M, B	D, M, B
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Institutional and Special Discipline / Schools / Students Medicine 101 37,730 Osteopathy 6 1,988 Dentistry 51 15,757 Optometry 11 2,489 Podiatry 5 1,097 Pharmacy 70 18,632 Veterinary Medicine 17 4,637 261 82,330	Scholarships to 18,148 Students Occupation / Students Dentist 3,694 Optometrist 636 Osteopathic Physician 632 Pharmacist 4,028 Physician 7,924 Podiatrist 246 Veterinarian 988 18,148
FY 70 FUNDS	$100,799,601	$15,540,648

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ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education--Continued
LEGISLATION	Health Professions Educational Assistance Act of 1963 (P.L. 88-129) as amended through FY 69 and Health Manpower Act of 1968 (P.L. 90-490)
PROGRAM	Health Professions student loans in medicine, dentistry, osteopathy, optometry, pharmacy, podiatry, and veterinary medicine.
TYPE OF AID	Loans to students in financial need who need such financial assistance to pursue a course of study through schools of health professions. Up to $2,500 per academic year for costs reasonably necessary for full time attendance.
LEVEL OF EDUCATION	D, M, B
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Loans to 14,055 Students (est.)

Occupation	Students
Dentist	2,910
Optometrist	480
Osteopathic Physician	425
Pharmacist	2,325
Physician	6,980
Podiatrist	150
Veterinarian	785
	14,055

FY 70 FUNDS	$15,900,000 (Allocated to Schools for New Loans)

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education--Continued	
LEGISLATION	Nurse Training Act of 1964 (P.L. 88-581) as amended by Title II, Health Manpower Act of 1968 (P.L. 90-490) effective FY 70	
PROGRAM	Nursing Student Loans (amended by HM Act, Title II, Part C)	Nursing Scholarship Program (replaced Nursing Education Opportunity Grants, effective FY 70)
TYPE OF AID	Loans up to $1,500 per academic year to students in need through schools of nursing. Up to 100% in shortage hospitals (aggregate of $6,000 to any student for all years). Up to 50% forgiveness of loan for full-time services in nursing.	Grants up to $1,500 per 12 month period for students of exceptional financial need who require such financial assistance to pursue the course of study.
LEVEL OF EDUCATION	D, M, B, O, AA	D, M, B, O, AA
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Loans to 17,544 students (estimated)	Scholarships to 10,728 students (estimated)
FY 70 FUNDS	$12,281,000 (allocated to schools for new loans)	$10,727,139 (includes $3,549,139 of unobligated funds carried forward from monies authorized for the Nursing Education Opportunity Grant Program)

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education--Continued	
LEGISLATION	Nurse Training Act of 1964 (P.L. 88-581) as amended by Part D of the Allied Health Professions Personnel Training Act of 1966 (P.L. 89-751) and by Title II, Health Manpower Act of 1968 (P.L. 90-490) effective FY 70	
PROGRAM	Institutional Grants to Schools of Nursing (HM Act, Title II, Part B)	Project Grants for Improvement of Nurse Training (amended by HM Act, Title II, Part B)
TYPE OF AID	To provide all types of programs of nursing education with institutional support to help maintain and improve the educational quality of programs and to help meet rising operational costs.	Project grants to help schools of nursing strengthen, improve, and expand their educational programs.
LEVEL OF EDUCATION	M, B, O, AA	M, B, O, AA
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	None	Project Grants to 126 Institutions Level — Number Masters and Baccalaureate — 76 Associate Arts — 15 Diploma — 30 Agencies Inst. — 5 126
FY 70 FUNDS	None	$7,000,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education--Continued	
LEGISLATION	Nurse Training Act of 1964 (P.L. 88-581) as amended by Part D of the Allied Health Professions Personnel Training Act of 1966 (P.L. 89-751) and by Title II, Health Manpower Act of 1968 (P.L. 90-490) effective FY 70.	
PROGRAM	Professional Nurse Traineeships (extended by HM Act, Title II, Part C)	Special Nurse Research Fellowship Program
TYPE OF AID	Traineeships to RN's through schools of nursing, to prepare for positions as administrators, supervisors, clinical specialists, and teachers.	Fellowships directly to individuals seeking full-time study at the predoctoral or post-doctoral level to prepare nurses to do independent research, to collaborate in interdisciplinary research, and/or to stimulate and guide research of importance to nursing.
LEVEL OF EDUCATION	C, M, B	PD, D
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Traineeships to 5,058 persons (2,505 long-term and 2,553 short-term)	Fellowships to 135 predoctoral students and 1 postdoctoral student.
FY 70 FUNDS	$10,468,000	$650,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education--Continued	
LEGISLATION	Public Health Service Act, Section 301 (c) as amended (42 USC 241 (c)) and (d) as amended (42 USC 241 (d))	
PROGRAM	Nurse Scientist Graduate Training Program	Faculty Research Development Grants
TYPE OF AID	Grants usually made to graduate schools of nursing to expand doctoral programs in university departments of basic science and to provide training stipends to nurses who are studying full time towards doctoral degrees in biological, physical, or behavioral science.	To increase research skills and competencies of nurse faculty members.
LEVEL OF EDUCATION	PD, D	C
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Grants to 9 institutions and 96 trainees	Grants to 12 institutions
FY 70 FUNDS	$997,000	$699,863

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education--Continued	
LEGISLATION	Public Health Service Act as amended, Section 422(f)	
PROGRAM	Continuing Dental Education	Dental Auxiliary Utilization Program
TYPE OF AID	Project grants to assist schools of dentistry and other public and nonprofit institutions to establish, expand, and improve organized programs of continuing education that will provide the widest possible source or courses in the science of dentistry in as many decentralized locations as possible in order to assure availability to all practicing dentists.	Project grants to dental schools to assist in developing a formal, continuing program of instruction in methodology of team dentistry. Intended to increase dentist productivity through instruction in utilization of dental auxiliaries.
LEVEL OF EDUCATION	C	D
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Grants to 5 institutions	Grants to 52 institutions enrolling 8,810 dentists
FY 70 FUNDS	$200,000	$3,651,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education--Continued		
LEGISLATION	Public Health Service Act, as amended, Section 301(c)		Public Health Service Act, as amended, Section 301(d)
PROGRAM	Predoctoral Research Fellowships in Dental Health	Special Research Fellowships in Dental Health	NIH Research Training Grants in Dental Health
TYPE OF AID	Fellowships through graduate schools, for predoctoral research relevant to dental public health.	Fellowships directly to individuals with 3 or more years of postdoctoral research, in institutions with appropriate research facilities and staff. Fellowships designated to provide advanced or specialized training relevant to dental health research.	Grants in support of students and the training institutions for training for research, teaching, and related services in areas related to dental health.
LEVEL OF EDUCATION	D, M	PD	PB, M, PD, D (Not first professional)
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	3 fellowships (1 each to a speech pathologist, medical sociologist, and a behavioral statistician).	9 fellowships awarded Occupation — Students Dental Educator — 2 Public Health Administrator — 1 Epidemiologist — 1 Computer Scientist — 1 Bioengineer — 1 Sociologist — 1 Medical Care Administrator — 1 Psychologist — 1 9	Number of institutions supported: 7; 32 trainee stipends Occupation — Students Hygienist — 4 Dentist — 18 Dental Surgeon — 1 Orthodontist — 1 Other — 8 32
FY 70 FUNDS	$6,767	$125,119	$450,000

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ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education--Continued
LEGISLATION	Allied Health Professions Personnel Training Act of 1966 (P.L. 89-751) as amended by Health Manpower Act of 1968 (P.L. 90-490)
PROGRAM	Allied Health Professions Educational Improvement Grants (Basic and Special)
TYPE OF AID	Basic grants by formula to schools for improvement of curriculums for training in allied health professions. Special project grants not yet awarded, since formula grant entitlements must first be fulfilled at 100%.
LEVEL OF EDUCATION	M (If first professional degree) B, AA (Internships for certain allied health occupations)
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Basic Grants to 302 Institutions

Occupation	Students
Medical Technologist	7,909
Optometric Technologist	-
Radiologic Technologist	123
Medical Record Librarian	334
Dietitian	2,557
Occupational Therapist	2,093
Physician Therapist	3,225
Sanitarian	396
Dental Hygienist	943
TOTAL BACCALAUREATE	17,580
Medical Laboratory Technician	666
Optometric Technician	6
Dental Hygienist	1,849
Dental Laboratory Technician	276
Dental Assistant	632
X-ray Technician	848
Medical Record Technician	138
Inhalation Therapy Technician	352
Ophthalmic Assistant	80
Dietary Technician	271
Occupational Therapy Assistant	101
Sanitarian Technician	38
TOTAL ASSOCIATE DEGREE	5,257
GRAND TOTAL	22,837

FY 70 FUNDS	$9,701,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education--Continued	
LEGISLATION	Allied Health Professions Personnel Training Act of 1966 (P.L. 89-751) as amended by Health Manpower Act of 1968 (P.L. 90-490)	
PROGRAM	Development Grants for Allied Health Professions	Allied Health Professions Advanced Traineeship Grants
TYPE OF AID	Project grants to public or nonprofit private agencies, institutions, and organizations to develop, demonstrate, or evaluate curriculums and methods for the training of health technologists.	Grants to institutions to support advanced training of allied health professions personnel to become teachers, supervisors, administrators, or specialists.
LEVEL OF EDUCATION	PB, B, AA	D, M, B
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Grants to 26 Institutions Occupation Advanced Medical Technologist Biomedical Photographer Cardiovascular Technician Child Health Associate Dental Auxiliary Diagnostic Microbiology Extracorporeal Circulation Specialist Graduate Teacher Preparation (Community College) Health Administrator Health Planning Health Technologist Hospital Pharmacy Technician Human Genetic Training Hospital and Medical Systems Engineer Nuclear Medical Technologist Occupational Therapist (Community) Orthopedic Assistant Physical Therapy Assistant Self Instructional Techniques in Allied Health Training Radiopharmacist Toxicologist (B) Urologic Assistant Speech and Hearing Technologist	Grants to 52 Schools Occupation — Students Dental Assistant — 6 Dental Hygienist — 24 Dietitian — 104 Inhalation Therapy Technician — 2 Medical Technologist — 162 Occupational Therapist — 29 Physical Therapist — 28 Medical Record Librarian — 4 359
FY 70 FUNDS	$1,231,986	$1,524,971

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education--Continued
LEGISLATION	Public Health Service Act (Section 309(c)) as amended by P.L. 91-208
PROGRAM	Formula Grants to Schools of Public Health
TYPE OF AID	Formula grants to accredited schools of public health to offset a portion of the difference between tuition income and the costs of educating Federally-sponsored students, and to provide for training and services in fields of public health and in administration of State and local public health programs.
LEVEL OF EDUCATION	C, PD, R, D, M
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Formula grants to 16 institutions enrolling 3,526 students. Occupations trained include dentists, health administrators, health educators, nurses, physicians, sanitarians, statisticians, and others.
FY 70 FUNDS	$4,554,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health Bureau of Health Manpower Education--Continued	
LEGISLATION	Public Health Service Act (Section 306 (a)) as amended by P.L. 91-208	Public Health Service Act (Section 309 (a)) as amended by P.L. 91-208
PROGRAM	Public Health Traineeships	Project Grants for Public Health Training
TYPE OF AID	Traineeships through the institution to support graduate or specialized training in public health for professional health personnel.	Project grants to schools of dentistry, engineering, medicine, osteopathy, nursing, and public health, and graduate programs in hospital administration to strengthen or expend graduate or specialized public health training.
LEVEL OF EDUCATION	C, PD, R, D, M, PB, B; and also apprenticeships in public health	C, PD, D, M, B
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Occupations / Trainees Dentist 20 Dental Hygienist 8 Environmental Health Engineer 125 Environmental Health, other 133 Health Educator 150 Hospital & Medical Care Administrator 285 Laboratory Personnel 63 Nurse 291 Nutritionist 62 Physician 99 Sanitarian 12 Statistician 38 Veterinarian 1 Other 219 Sub-total (long-term) 1,506 Physician-dentist: Apprenticeship 670 Residency 78 Misc. Occup. short-term 4,350 GRAND TOTAL 6,604	Project grants to 71 institutions which provide training in environmental health and environmental health engineering, preventive medicine and dentistry, public health nursing, and public health.
FY 70 FUNDS	$7,982,584	$4,917,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health National Library of Medicine	
LEGISLATION	Medical Library Assistance Extension Act of 1970 (P.L. 91-212)	
	Public Health Service Act, Title III, Section 394	Public Health Service Act, Title III, Section 393
PROGRAM	Training Grants for Medical Library Sciences	Medical Library Construction Grants
TYPE OF AID	Grants to eligible institutions for training programs in medical librarianship and related information sciences. Grants are for stipends as well as program support. Individual fellowships are also awarded for postdoctoral research.	Grants to non-profit institutions for construction of medical library facilities, up to 75% of the necessary construction costs.
LEVEL OF EDUCATION	C, PD, D, M, and medical library internships	- - -
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Training Programs: 17 Occupation — Trainees Biomedical Communications Specialist — 1 Biomedical Librarian — 86 Other — 11 98	- - -
FY 70 FUNDS	$983,000	No funds appropriated

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ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health National Library of Medicine	
LEGISLATION	Medical Library Assistance Extension Act of 1970 (P.L. 91-212)	
	Public Health Service Act, Title III, Section 396	National Library of Medicine, Act of 1956 (P.L. 84-941) Public Health Service Act, Title III, Section 371
PROGRAM	Grants for Basic Resources of Medical Libraries	Classes for MEDLARS analysts
TYPE OF AID	Grants to medical libraries and related institutions to establish, expand, and improve basic medical library or related resources.	Training course for NLM librarians and employees of NLM grant recipients and contractors as MEDLARS analysts (Medical Literature Analysis and Retrieval System Information Specialists) - four to six months duration.
LEVEL OF EDUCATION	- - -	C, M
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Medical libraries supported: 397	50 Trainees
FY 70 FUNDS	$2,105,000	$100,000 (approximate)

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health	
	Individual Institutes of NIH	
LEGISLATION	Sections of the Public Health Service Act establishing the Sections 301 and 433	
PROGRAM	NIH Research Fellowships (Predoctoral, Postdoctoral, and Special)	NIH Training Grants (excluding NLM & BHME)
TYPE OF AID	Training for health and health related research. Predoctoral: grants for students through educational institutions. Postdoctoral and special: direct grants to students in schools. Hospitals and other non-profit research institutions. (Excludes Office of International Research postdoctoral fellowships for foreign students.	Grants in support of students and the training institutions (institutions of higher education, hospitals, research institutes, and health agencies) for training for research, teaching, and related fields.
LEVEL OF EDUCATION	C, PD, D, M (Not first professional)	PD, I&R, D, M, (Not first professional)
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Awards to 3,832 individuals Field of training — Students Biochemistry 886 Biology, general 179 Biophysics 153 Chemistry 535 Engineering, health-related 98 Genetics 147 Internal Medicine 214 Microbiology 157 Pharmacology 120 Physiology 468 Other 875 3,832	Grants to 16,146 individuals out of 1968 funds Field of training — Students Anatomy 491 Biochemistry 1,855 Biology 462 Biophysics 538 Engineering, health-related 451 Genetics 682 Internal Medicine 2,377 Microbiology 936 Pathology 585 Pharmacology 773 Physiology 1,001 Psychology 693 Surgery 504 Other 4,798 16,146
FY 70 FUNDS	$17,300,000 (estimated)	$131,750,000 (estimated)

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health NIH Research Institutes	
LEGISLATION	Public Health Service Act, Section 207(g) and (h)	
PROGRAM	Staff Fellowship Program	Grants Associates Program
TYPE OF AID	Two year awards (may be renewed twice for one additional year) to individuals for in-house research training in intramural labs of the NIH. Objective is to strengthen research in the biomedical sciences by insuring a continuous exchange of talented scientists between NIH and other research centers.	One year in-house training in health science administration of extramural programs of the NIH. Consisting of a formal series of seminars on public administration and management of Federal programs and a series of informal on-the-job assignments to components of the NIH, PHS, and other various Federal agencies.
LEVEL OF EDUCATION	PD	C, PD
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	91 individuals	9 individuals
FY 70 FUNDS	$1,000,000 (estimated)	$155,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health--Continued	
	National Institute of Allergy and Infectious Diseases	Fogarty International Center
LEGISLATION	Public Health Service Act, Sections 301 and 308	Public Health Service Act, Section 207(g) and (h)
PROGRAM	International Research Career Development Program	The visiting program of the NIH: Visiting Fellows Visiting Associates Visiting Scientists
TYPE OF AID	Direct appointments of individuals and Commissioned Officers in U.S. Public Health Service for overseas research training in specified health fields.	Awards to individuals (primarily foreign) invited to receive research training and experience in the intramural laboratories of the NIH.
LEVEL OF EDUCATION	C, PD	C, PD
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 69	7 individuals	138 individuals
FY 70 FUNDS	$120,000 (estimated)	$1,500,000 (estimated)

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health--Continued
	National Institute of Allergy and Infectious Diseases
LEGISLATION	Public Health Service Act, Section 301 and 308
PROGRAM	PHS International Postdoctoral Research Fellowships
TYPE OF AID	Awards to direct and through institutions, to promote advanced training of foreign biomedical scientists in the U.S. These awards are made to schools, hospitals, health facilities and U.S. Government laboratories to provide research training for careers in medical research.
LEVEL OF EDUCATION	PD
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 69	Field of training — Individuals Biochemistry 27 Biology 5 Genetics 8 Internal Medicine 31 Microbiology 8 Pathology 14 Pharmacology 8 Physiology 28 Surgery 5 Other 46
FY 70 FUNDS	$1,067,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health--Continued	
LEGISLATION	Public Health Service Act, Section 301(d) as amended by P.L. 86-798	
PROGRAM	Biomedical Sciences Support Grants	General Research Support Grants
TYPE OF AID	Grants provide funds--complementary to research project system--to be used flexibly by the institutions to advance health related research and research training programs of academic institutions (other than health professional schools).	Grants provide continuing funds to advance health related research and research training programs of health professional schools, hospitals, health departments, and other non-academic research organizations.
LEVEL OF EDUCATION	PD, D, M	PD, D, M
INSTITUTIONS SUPPORTED FY 70	Grants to 113 academic institutions	Grants to 344 institutions

INDIVIDUAL TRAINEES SUPPORTED IN FY 69 FROM FY 68 AWARDS	FY 68 awards for Biomedical Sciences Support Grants, General three programs combined supported 3,224 trainees, principally	Post-Doc.	Pre-Doc.
	TOTAL	172	3,052
	Medical sciences, clinical	79	1,792
	Dentistry	19	287
	Internal Medicine	22	869
	Neurology	-	41
	Ophthalmology	10	28
	Otorhinolaryngology	-	6
	Pediatrics	17	124
	Preventive Medicine	-	13
	Radiology	2	47
	Surgery	4	187
	Other	5	190
	Medical sciences, nonclinical	43	490
	Epidemiology	3	11
	Nursing	-	-
	Pathology	7	127
	Pharmacology	8	111
	Pharmacy	-	4
	Physiology	17	200
	Veterinary Medicine	7	9
	Other	1	28

FY 70 FUNDS	$7,125,000	$45,802,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health--Continued
LEGISLATION	Public Health Service Act, Section 301(d) as amended by P.L. 86-798 in 1960
PROGRAM	Health Sciences Advancement Awards
TYPE OF AID	Awards assist graduate, academic institutions engaged in biomedical research and research training to achieve specified goals of outstanding national leadership.
LEVEL OF EDUCATION	PD, D, M
INSTITUTIONS SUPPORTED FY 70	Grants to 11 institutions
INDIVIDUAL TRAINEES SUPPORTED IN FY 69 FROM FY 68 AWARDS	Research Support Grants, and Health Sciences Achievement Awards--the during the summer and off-quarter periods.

	Post-Doc.	Pre-Doc.
Biological Sciences (Total)	41	648
Anatomy	5	149
Biochemistry	19	250
Biology	3	51
Biophysics	1	11
Genetics	2	16
Microbiology	7	118
Other	4	53
Social Sciences	-	6
Psychology	1	33
Mathematics	1	15
Physical Sciences	4	33
Other Sciences	3	35

FY 70 FUNDS	$4,750,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health--Continued
LEGISLATION	Public Health Service Act Section 301(i) and 433(a)
PROGRAM	Fellowships in Laboratory Animal Science and Medicine
TYPE OF AID	Direct grants to students in nonprofit research institutions. These grants promote training for research in laboratory animal science and medicine serving health research.
LEVEL OF EDUCATION	C, PD, D, M
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Awards to 12 students
FY 70 FUNDS	$126,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, National Institutes of Health--Continued
LEGISLATION	Public Health Service Act Section 301(i) and 433(a)
PROGRAM	Training Programs in Laboratory Animal Medicine
TYPE OF AID	Grants in support of students and training institutions for support of training in laboratory animal medicine to support health research.
LEVEL OF EDUCATION	C, PD, D, M
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Grants to programs in 8 institutions supporting 28 students
FY 70 FUNDS	$352,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Health Services and Mental Health Administration Community Health Service	
LEGISLATION	Public Health Service Act, as amended by P.L. 89-749, Section 314(c)	Public Health Service Act, as amended by P.L. 89-749, Section 314(e)
PROGRAM	Training, studies, and demonstrations in health planning	Neurological and Sensory Disease Control Program
TYPE OF AID	General support of education and training in graduate schools, health facilities, and professional societies to meet the need for comprehensive health planning. Includes consumer training to increase their knowledge in the area of comprehensive health planning.	Grants through institutions for student support, for speech pathologists and audiologists.
LEVEL OF EDUCATION	C, M, D	M, D
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	41 institutions 300 students 500 consumer trainees	2 grants, 29 students (Program terminated in F.Y. 70)
FY 70 FUNDS	$3,815,986	$7,000 (+85,000 carried over from F.Y. 69)

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Health Services and Mental Health Administration Community Health Service
LEGISLATION	Public Health Service Act, as amended by P.L. 89-749, Section 314(c)
PROGRAM	Cancer Control Program
TYPE OF AID	Grants through institutions for student support, for physicians, dentists, nurses, and allied health personnel, for career development.
LEVEL OF EDUCATION	All levels
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	46 grants to institutions; number of trainees not available. (Program terminated in F.Y. 70)
FY 70 FUNDS	$1,140,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Health Services and Mental Health Administration--Continued	
	Federal Health Programs Service	Division of Federal Employee Health
LEGISLATION	Public Health Service Act	Public Health Service Act and P.L. 79-658
PROGRAM	In-house training for employees and others who are trained in PHS facilities.	Short-term training for professional employees.
TYPE OF AID	Training provided for physicians, dentists, nurses, and allied health personnel for career development.	Training provided to Occupational Health Nurses, Area Nurse Supervisors, and Medical Officers in Charge of DFEH Health Units.
LEVEL OF EDUCATION	All levels	C
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Occupational Area — Students Dentistry 54 Dietetics 12 Hospital Administration 2 Medical Record Librarians 12 Medicine 275 Nursing 2 Pharmacy 17 Professional Assistants 493 867	Physicians 18 Area Nurse Supervisors 18 Occupational Health Nurses 113 149
FY 70 FUNDS	$4,044,000 (estimate)	$2,000

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ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Health Services and Mental Health Administration--Continued	
	Division of Emergency Health Services	Center for Disease Control
LEGISLATION	Public Health Service Act and (Executive Order 11490)	Public Health Service Act, as amended
PROGRAM	In-house training in emergency health care for health workers from governmental and private agencies, and the general public.	Communicable Disease Prevention and Control In-house Training.
TYPE OF AID	Training for health professionals, health workers, and the public for health needs resulting from emergencies and disasters. Provides teacher training, instructional materials, etc. No student support.	Short-term training for practicing health professionals to strengthen disease prevention and control in health agencies at the Federal, State, and local levels in the U.S. and in health agencies of foreign countries.
LEVEL OF EDUCATION	C, PD, GC, other	C, all others
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Type of Training — Inst. — Stu. Staff Training in Health Facilities — 1,150 — Avail. Emergency & Disaster Curriculum Development — 1,450 — 36,250 Medical Self-Help Training for General Public — 1,881,214 Emergency Health Services — 50,000 CBW Defense — 128	10,974 persons trained: physicians, vector control specialists, and nurses.
FY 70 FUNDS	$210,900 (+$280,000 provided directly from DOD for medical self-help training	$1,563,800

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Health Services and Mental Health Administration--Cont. Maternal and Child Health Service
LEGISLATION	Title V, Social Security Act, as amended
	Section 503
PROGRAM	Training for Maternal and Child Health Services
TYPE OF AID	Project grants to public or other non-profit institutions of higher learning to support instructional programs for the health care of mothers and children. Also, traineeships through institutions; clinical training includes support of services.
LEVEL OF EDUCATION	All professional levels
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Grants to 40 institutions, and to 347 long-term trainees; number of short-term trainees not available.

Occupation	Students
Medical Social Worker	17
Nurse	98
Nutritionist	20
Pedodontist	3
Physical therapist	4
Physician	183
Psychologist	5
Speech pathologist & audiologist	14
Health Administrator	3
	347

FY 70 FUNDS	$4,208,550 to institutions $1,347,800 for traineeships

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Health Services and Mental Health Administration--Cont. Maternal and Child Health Service	
LEGISLATION	Title V, Social Security Act, as amended	
	Section 504	Section 511
PROGRAM	Training for Crippled Children's Services	Training for Health Care of Mothers and Children
TYPE OF AID	Project grants to public or other non-profit institutions of higher learning to train professional personnel to give health care and related services to crippled children. Also traineeships through institutions; clinical training includes support of services.	Project grants to public or other non-profit institutions of higher learning to support instructional programs for the health care of mothers and children, particularly the mentally retarded and the handicapped. Also traineeships through institutions. The funds primarily support operations of university affiliated Mental Retardation Centers, including staffing.
LEVEL OF EDUCATION	All professional levels	All professional levels
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Grants to 44 institutions and to 94 long-term trainees; number of short-term trainees not available. Occupation — Students Pedodontist 9 Medical Social Worker 12 Nurse 6 Physician 34 Psychologist 6 Speech pathologist & audiologist 26 Occupational therapist 1 94	Grants to 15 institutions and to 160 long-term trainees; number of short-term trainees not available. Occupation — Students Audiologist, speech pathologist 27 Pedodontist 11 Medical Social Worker 36 Nutritionist 4 Physician 38 Psychologist 37 Occupational therapist 3 Physical therapist 3 Health Administrator 1 160
FY 70 FUNDS	$4,443,000 to institutions $ 520,300 for traineeships	$9,000,000 to institutions $ 863,000 for traineeships

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Health Services and Mental Health Administration--Continued	
	Indian Health Service	
LEGISLATION	Public Health Service Act	
PROGRAM	Training in IHS facilities and other institutions for the educational advancement of members of Indian groups, IHS personnel, and other individuals.	Long-term professional training.
TYPE OF AID	In-service training, per diem and travel allowance, salaries, and other forms of aid.	Long-term training in institutions of higher learning and other research oriented institutions.
LEVEL OF EDUCATION	C, PD, D, M, B, AA, O(LPN), OJT, HS, GC	PD, M
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Occupational Area / Students In-serv. short-term train. 713 Soc. Work Associate 4 Rad. Tech. Training 7 Fnv. Health Aide 25 Laboratory Asst. 5 Basic LPN 21 Adv. Nurses' Training 3 Adv. Nurses' Aid Train. 14 Food Service Training 14 Community Health Rep. 179 Alaska Native Com. Health 185 Dental Assistant 28 Medical Records 20 COSTEP 65 1,283	33 individuals supported
FY 70 FUNDS	$3,554,000	$388,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, Public Health Service, Health Services and Mental Health Administration--Continued	
	National Center for Health Statistics	
LEGISLATION	Public Health Service Act, as amended, P.L. 78-410, 42 USC 241, Sec. 301	
PROGRAM	Training for Measurement of Population Change (In-house and University Program)	Applied Statistics Training Institute (In-house Program)
TYPE OF AID	Training of foreign students associated with government, universities, or research foundations in countries where statistics are insufficient to meet needs; provides a foundation in birth- and death-registration methods, sample surveys or evaluation of family planning programs in the NCHS, selected universities and field trips.	Training in practical applications of registration, management, and statistical methods, primarily for administrators, vital records personnel, health statisticians, and allied members of public health teams in Federal, State, and local health departments.
LEVEL OF EDUCATION	C, PB	C
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	AID PASA provided a budget of $41,662 for salaries and travel of the training unit and consultants. Twenty-six statisticians supported by AID, WHO or UN participated in the program.	The first ASTI course was presented July 1968. At that time 58 students funded by employing agencies were enrolled. In FY 1968 about $1,300 was spent for course development. Through FY 1970 over 500 students have participated in ASTI courses, all funded by employing agencies.
FY 70 FUNDS	See Above	

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Health Services and Mental Health Administration--Continued	
	National Center for Health Statistics	National Center for Health Services Research and Development
LEGISLATION	PHS Act, as amended, P.L. 78-410, 42 USC 241, Sec. 301	PHS Act, as amended, P.L. 78-410, Sections 301 and 304
PROGRAM	Cause-of-Death Coding Workshops and comparability seminars (In-house Program)	Health Services Training Grants
TYPE OF AID	Training programs on the classification of the cause-of-death according to the International Classification of Diseases; adapted for use in the U.S. primarily for employees of State and local health departments, to develop or improve competencies of nosologists, medical record librarians, or vital statistics clerks.	Grants to public or private nonprofit institutions for establishing or improving programs to train 1) investigators in conducting health services research and development projects, 2) new types of health service administrators concerned with application of research findings, and 3) scholars in community medicine to develop and implement community health services. Stipends for students included in grants.
LEVEL OF EDUCATION	C	PD, D, M
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	227 students from 49 States--44 students funded by NCHS; 183 students funded by employing agency. Occupation / Students Clinical supervisors 7 Clerks (statistical and aides) 92 Coders 10 Nosologists 52 State registrars 17 Statisticians and analysts 21 Vital statistics supervisors 28	49 institutions; 334 trainee stipends Area of Training / Students Health Education 11 Behavioral Scientists 54 Sociologists 83 Epidemiologists 24 Health Services Administrator 31 Hospital Administrator 15 Biostatistics 91 Health Services Research 18 Other 7
FY 70 FUNDS	No Specific Federal Expenditures	Institutional support: $1,876,504 Student support: 1,798,121 Total for Health: $3,674,625

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Health Services and Mental Health Administration--Continued National Center for Health Services Research and Development
LEGISLATION	Public Health Service Act, as amended, P.L. 78-410, Sections 301 and 304
PROGRAM	Health Services Research Fellowship and Research Scientist Development Programs
TYPE OF AID	Awards in support of individual students pursuing training as health services researchers, new types of health services administrators and scholars in community medicine, in fields related to the organization, delivery, quality and financing of health services. Appropriate costs for tuition and research supplies are provided for the training institution. Predoctoral fellow and Research Scientist awardee support is provided through the training institution; support for post-doctoral and special fellows is provided directly to students.
LEVEL OF EDUCATION	PD, D, M
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	66 Research Fellowship and Research Scientist Awards Area of Training — Students Health Education — 3 Behavioral Scientists — 9 Sociologists — 8 Health Services Administrator — 19 Health Services Engineering — 6 Health Services Research — 11 Statistics — 3 Other — 6
FY FUNDS	Institutional support: $99,586 Student support: 610,740 Total for Health: $710,326

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Health Services and Mental Health Administration--Continued
	National Institute of Mental Health
LEGISLATION	Public Health Service Act, as amended, P.L. 78-410, Section 303(a)(1)
PROGRAM	Mental Health Training Grants Program for Institutional and student support of education and training of mental health workers.
TYPE OF AID	Grants to institutions, including graduate and professional schools, senior colleges, junior colleges, hospitals, other health facilities and health agencies to help meet the nation's need for professional personnel in the area of mental health. Includes grants to students through institutions.
LEVEL OF EDUCATION	C, PD, I&R, D, M, B, AA
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Number of institutions supported: 650; 9,940 trainee stipends Occupation — Students Nurses 1,325 Physicians (D) 1,292 Physicians (PD) 2,276 Psychologists 1,824 Biological Scientists 356 Social Scientists 550 Social Workers 1,568 Other 749 9,940 Institutional support: $62,659,000 Student support: $44,818,000
FY 70 FUNDS	$107,477,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, Public Health Service, Health Services and Mental Health Adm. -- Cont.	
	National Institute of Mental Health	Regional Medical Programs Service
LEGISLATION	Public Health Service Act, as amended, P.L. 78-410, Section 303(a)(1)	Public Health Service Act, Title IX, Section 904 and Section 910
PROGRAM	Mental Health research fellowship and research scientist development programs for institutional and student support of education and training of mental health research workers.	Regional Medical Programs
TYPE OF AID	Stipends to students in graduate and professional schools to help meet the need for professional research personnel in the area of mental health.	Grants to regional medical programs and contracts with Universities for continuing education and training activities, to improve health manpower and capability to bring to patients the latest advances in fields of heart disease, cancer, stroke and related diseases (kidney, diabetes, pulmonary, etc.).
LEVEL OF EDUCATION	D, PD	C, V, OJT
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	1,107 research fellowships and research scientists awards Occupation — Students Biological Scientists 7 Psychiatrists 41 Psychologists 589 Social Scientists 398 Other 72 1,107 Institutional support: $2,921,000 Student support: $7,939,000	Grants to regional medical programs and contracts with Universities for continuing medical education and training supported Occupation — Students Nurses 4,375 Physicians 2,490 Other allied health personnel 1,520 8,385
FY 70 FUNDS	$10,860,000	$13,189,000 (estimate)

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Environmental Health Service Environmental Control Administration	
LEGISLATION	Public Health Service Act, as amended, P.L. 78-410, 42 USC 241	
	Section 301(d)	Section 301(c)
PROGRAM	Environmental Health Research Training Grants at Graduate Level	Environmental Health Fellowships at Graduate Level
TYPE OF AID	Project grants to schools for support of graduate or specialized research training in environmental health (water supply, injury control, occupational health, community sanitation, housing hygiene) to increase manpower supply. Grants to students through schools for graduate training of research and teaching personnel.	Direct grants to doctoral and post-doctoral students for specialized research training in environmental health, to increase national competence in the field.
LEVEL OF EDUCATION	PD, D, M	PD, D
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Project grants to 29 schools, 246 students (biology, chemistry, engineering, food science, industrial hygiene, medicine, psychology, social science, urban planning).	Grants to 7 students (engineering, psychology, social science, urban planning).
FY 70 FUNDS	$2,135,700	$50,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Environmental Health Service Environmental Control Administration	
LEGISLATION	Partnership for Health Amendments of 1967 (P.L. 90-174), Section 314(e) of the Public Health Service Act, Radiation Control for Health and Safety Act of 1968 (P.L. 90-602), Section 356(a)(2) and (b)(2) of the Public Health Service Act.	
PROGRAM	Radiological Health Specialist Project Training Grants	Radiological Health In-House Training Program
TYPE OF AID	Project grants to schools with programs at the junior college and graduate level of 1 academic year or more offering specialized courses in radiological health and public health, to help meet current and future health manpower needs for specialists and technicians. Also grants to students through schools.	Short-term training for persons working with radiation or responsible for radiation control, to increase their competence in radiological health practice in Federal, State, local - public and private - agencies (in U.S. and foreign countries).
LEVEL OF EDUCATION	PD, D, M, AA	C
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Project grants to 36 institutions, 390 students, all in health occupations (including administration, biology, chemistry, engineering, health education, industrial hygiene, medical technology, medicine, pharmacy, physics, public health, radiological health, radiological health, sanitary engineering, veterinary medicine).	2,281 persons trained Occupation — Students Administrator 67 Chemist 104 Dentist 29 Engineer 267 Health Physicist 277 Physician 184 Sanitarian 94 Technician 587 Other 672
FY 70 FUNDS	$1,849,000	$852,500

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Environmental Health Service Environmental Control Administration--Continued
LEGISLATION	Solid Waste Disposal Act of 1965 (P.L. 89-272), Section 204
PROGRAM	Solid Wastes Research Training Grants at Graduate Level
TYPE OF AID	Project grants to schools for support of graduate or specialized research training for professional health personnel in solid waste treatment, disposal, or management. Also grants to students through schools, for training of research and teaching personnel.
LEVEL OF EDUCATION	PD, D, M
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Project grants to 10 schools, 41 students (chemistry, engineering, urban planning).
FY 70 FUNDS	$415,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Environmental Health Service Environmental Control Administration--Continued
LEGISLATION	Public Health Service Act
PROGRAM	Environmental Health In-House Training Program
TYPE OF AID	Short-term training up to 10 days, for persons concerned with community environmental management, insect and rodent control, occupational safety and health, solid waste management, and water hygiene in Federal, State, local--public and private--agencies; through workshops, seminars, etc.
LEVEL OF EDUCATION	C
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	3,268 persons trained

Occupation	Students
Administrator	259
Chemist	90
Engineer	527
Health Educator	57
Industrial Hygienist	114
Nurse	218
Radiation Physicist	89
Sanitarian	657
Other	1,257
	3,268

FY 70 FUNDS	$820,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Environmental Health Service National Air Pollution Control Administration	
LEGISLATION	Air Quality Act of 1967 (P.L. 90-147), Section 103(b)(3)(5)	
PROGRAM	Air Pollution Training Grants	Air Pollution Special Fellowships
TYPE OF AID	Training grants to schools and institutions (public and private) to improve training opportunities for persons interested in careers in air pollution control and related fields.	Direct Fellowship grants to qualified individuals through institutions for continuance of air pollution oriented education.
LEVEL OF EDUCATION	C, PD, D, M, PB, B, AA, V, HS	C, PD, D, M
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Training grants, 42 institutions, 405 students Occupation — Students Biological science — 65 Engineering — 190 Medicine — 8 Meteorology — 25 Physical science — 10 Social science — 10 Technology — 72 Other — 25 405	Special Fellowships to 77 students Occupation — Students Biology — 12 Chemistry — 26 Engineering — 30 Meteorology — 3 Social sciences and administration — 6 77
FY 70 FUNDS	$3,000,000	$500,000

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ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Environmental Health Service National Air Pollution Control Administration
LEGISLATION	Air Quality Act of 1967 (P.L. 90-148), Section 103(b)(3)(5)
PROGRAM	Air Pollution In-House Training Program
TYPE OF AID	Short-term training for persons in Federal, State, and local agencies, and in private organizations, to increase their competence in specific areas of air pollution prevention and control.
LEVEL OF EDUCATION	C
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Occupation — Students Administrator 124 Chemist 229 Engineer 626 Health Educator 14 Industrial Hygienist 31 Meteorologist 77 Physical Scientist 31 Sanitarian 297 Statistician 28 Technician 227 Other 425 2,109 Four orientation courses were presented with a total enrollment of 318.
FY 70 FUNDS	$850,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Social and Rehabilitation Service	
	Administration on Aging	Medical Services Administration
LEGISLATION	Older Americans Act of 1965 (P.L. 89-73, Title V), amendments of 1967 (P.L. 90-42, Section 503(a) and amendments of 1969 (P.L. 91-69)	Social Security Act, Title XIX as amended, P.L. 91-56, Sections 1902 and 1903
PROGRAM	Training personnel for the field of aging including personnel for some health services.	Medical Care Administration Seminars - In-service training of State and local medical assistance personnel.
TYPE OF AID	Project grants to educational and other appropriate institutions to support programs in aging for the training of personnel in planning, administration, specialized services in aging, teaching, and practice. Also traineeships through institutions.	Training through health agencies, welfare departments, and selected firms for persons employed in the administration of medical assistance.
LEVEL OF EDUCATION	C, D, M, B, OJT	C
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Grants to 17 institutions and to 336 trainees in these institutions Occupation — Students Milieu therapist — 30 Nursing home administrator — 79 Nursing home social worker — 14 123	Grants for 2 seminars training 80 students (Dental Care Consultant, and Pharmaceutical Consultant).
FY 70 FUNDS	Total $2,610,000 Health $544,551	Total budgeted $102,500 Total obligated $16,115

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Social and Rehabilitation Service	
	Rehabilitation Services Administration	
LEGISLATION	Vocational Rehabilitation Act as amended by P.L. 90-391, Sections 4(a)(1), and 7(a)(2)	
PROGRAM	Rehabilitation Teaching Grants (Instructional costs)	Traineeships for Rehabilitation Students
TYPE OF AID	Formula and project grants to schools or other institutions (a) Grant support to solve problems in State VR agencies; (b) Contract support for short-term training relating to VR services; (c) General support to improve teaching methods, curriculum content, or interdisciplinary functioning of rehabilitation personnel.	Grants to students through institutions with accredited programs to increase supply of rehabilitation personnel.
LEVEL OF EDUCATION	All levels	All levels
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	619 grants to approximately 275 different institutions Occupations — Grants Dentist 4 Nurse 8 Occupational therapist 37 Physical Therapist 47 Prosthetics & Orthotics 9 Rehabilitation medicine 97 Speech Pathologist and Audiologist 85 Total Health 287 Other 332 Total 619	5,594 trainees of whom 2,290 are in health occupations Occupations — Grants Dentist 15 Nurse 62 Occupational therapist 451 Physical Therapist 424 Prosthetics & Orthotics 62 Rehabilitation medicine 685 Speech Pathologist and Audiologist 591 Total Health 2,290 Other 3,304 Total 5,594
FY 70 FUNDS	Total $11,395,469 Health $4,144,057	Total $17,133,580 Health $7,701,238

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Social and Rehabilitation Service--Continued
	Rehabilitation Services Administration
LEGISLATION	Vocational Rehabilitation Act as amended by P.L. (90-391, Sections 4(a)(1), and 7(a)(2)
PROGRAM	Rehabilitation Personnel (in-house training for State vocational rehabilitation agency personnel--not Federal)
TYPE OF AID	To develop staff of State Vocational Rehabilitation agencies through continuing education of State agency employees and other rehabilitation workers. (Included in long-term totals 958,660 Net)
LEVEL OF EDUCATION	All levels
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Grants in support of rehabilitation, counselors, psychologists, medical consultants, and other disciplines; 6,689 individuals received training in short-term programs.
FY 70 FUNDS	Total $1,601,032 (short-term training) Health $656,423 (estimate)

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ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Public Health Service, Food and Drug Administration	
	Public Health Service Act and Food, Drug and Cosmetic Act as amended	
LEGISLATION		Section 309 42 USC 242g
PROGRAM	Food and Drug Administration In-House Training Program	Food Science and Technology Training Grants at Graduate Level
TYPE OF AID	Short-term training for persons in health agencies at Federal, state, and local levels, to provide training in inspectional and analytical techniques through seminars, workshops, etc.	Project Training Grants to schools for support of graduate or specialized research training in Food Science and Technology.
LEVEL OF EDUCATION	All Levels	Master of Food Science Ph.D. in Food Science
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Approximately 1,500 persons trained in 45 different courses in the field of: milk and food pasturization, processing, inspection, and analysis; pesticide residue analysis; inspection and analysis of drugs; epidemiology of food borne diseases; and shellfish growing area survey procedures.	Project Grants to 10 schools, 41 students, chemistry, virology, bacteriology, mycology, refrigeration, toxicology, etc.
FY 70 FUNDS	$136,000	$315,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Office of Education	
	Bureau of Adult, Vocational, and Technical Education	
LEGISLATION	Appalachian Regional Development Act of 1965, P.L. 89-4; as amended in 1967, P.L. 90-103, Sec. 211 and 214.	Vocational Education Act of 1963, Part B, Basic Grants
PROGRAM	Vocational Education Facilities Grants	State Grants for Vocational and Technical Education
TYPE OF AID	Project grants to institutions to provide vocational education facilities in Appalachia (13 States) where such education is unavailable or inadequate. Grants by Appalachian Regional Commission (non Federal through OE to applicants in States.	Formula grants to State boards for vocational education for maintenance and improvement of vocational education programs. Federal funds must be matched by at least 50%. Fifteen percent of Federal funds must be spent for postsecondary programs, 15% on programs for the disadvantaged and 10% for the handicapped.
LEVEL OF EDUCATION	AA, V, HS, O	C, AA, V, HS, OJT; B, M, D for educational personnel
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	76 construction and equipment grants: data not available on number of institutions and spaces created or improved.	Allocation to each State and Outlying Area; 18,492 schools participated in FY 1969 with 7,980,000 students; 2,000 conducted health occupations training for 176,344 students. Occupation — Students Dental assistant 10,850 Dental hygienist 2,972 Dental lab. technician 2,085 Medical lab. assistant 6,214 Nurse, associate degree 25,430 Practical nurse 68,740 Health assistants 32,487 Medical X-ray technician 2,570 Other 24,996 176,344
FY 70 FUNDS	Total: $22,950,209 Health: Not available	Total: $307,497,455 Health: $13,106,000 (FY 1969)

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Office of Education	
	Bureau of Adult, Vocational, and Technical Education	
LEGISLATION	P.L. 88-210; as amended in 1968, P.L. 90-576	
	Part A 102(b) Disadvantaged	Part C
PROGRAM	State Grants for Vocational and Technical Education for the Disadvantaged	Research and Training Grants
TYPE OF AID	Formula grants to States for programs designed to help persons with academic and socioeconomic handicaps served in the regular vocational education programs. No matching required.	Formula grants to the States for continued operation of Research Coordinating Units and other research activities. Matching requirement: Federal share up to 75% for RCU and 90% for research grants.
LEVEL OF EDUCATION	C, AA, V, HS, O	C, AA, V, O
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Allocation to each State and Outlying Area. FY 1970 estimated total enrollment 43,000 students. Health data not available.	Allocation to each State and Outlying Area. After 1970, 50% of grant retained by Commissioner for discretionary grants to institutions.
FY 70 FUNDS	Total: $17,000,000 Health: Not available	Total: $1,100,000 Health: Not available

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Office of Education--Continued	
	Bureau of Adult, Vocational, and Technical Education	
LEGISLATION	Vocational Education Act of 1963, P.L. 88-210; as amended in 1968, P.L. 90-576.	
	Part D	Part G
PROGRAM	Exemplary Programs and Proposals	Cooperative Education
TYPE OF AID	Formula grants to the States for research based demonstration programs which create bridges between school and earning a living and which broaden occupational aspirations and opportunities for young people with special emphasis on youth with academic, socioeconomic, or other handicaps.	Formula grants to States for programs which provide an alternate work-school program whereby students receive in-school vocational and academic instruction as well as on-the-job work experience related to the student's occupational course study.
LEVEL OF EDUCATION	C, AA, V, HS, O	C, AA, V, HS, O
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Allocation to each State and Outlying Area. Half the State's allocation is retained by the Commissioner for discretionary grants within each State.	Allocation to each State and Outlying Area. FY 1970 estimated total enrollment 119,000 students. Health data not available.
FY 70 FUNDS	Total $13,000,000 Health not available	Total $14,000,000 Health not available

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Office of Education--Continued	
	Bureau of Adult, Vocational, and Technical Education	
LEGISLATION	Vocational Education Act of 1963, P.L. 88-210; as amended in 1968, P.L. 90-576.	
	Part H	Part I
PROGRAM	Vocational Work Study	Curriculum Development
TYPE OF AID	Formula grants to States to provide financial assistance to students who are in need of earning from employment and commence or continue their vocational education programs.	Grants or contracts by the Commissioner to colleges and universities, State boards for vocational education, local educational agencies and other public and nonprofit private agencies and organizations for curriculum development.
LEVEL OF EDUCATION	C, AA, V, HS	C, AA, V, HS, O
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Allocation to each State and Outlying Area. FY 1970 estimated total enrollment 20,000 students. Health data not available.	Nineteen contracts awarded in FY 1970.
FY 70 FUNDS	Total $4,250,000 Health not available	Total $880,000 Health $80,129

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Office of Education--Continued	
	Bureau of Adult, Vocational, and Technical Education Division of Manpower Development and Training	
LEGISLATION	Manpower Development and Training Act of 1962, as amended (P.L. 87-415, as amended).	
PROGRAM	State Agreement Institutional Training (Title II) (Includes training in redevelopment areas, Section 241).	National Training Programs (Title III, Section 301).
TYPE OF AID	Occupational training including but not limited to basic education, employability and communications skills, prevocational, vocational and technical education, and supplementary instruction for on-the-job training. Unemployed and underemployed youth and adults are eligible to receive training.	Same type of programs available as for State Agreement Institutional Training. Emphasis is on experimental and demonstration training; innovative training methods, critical skills shortages. Unemployed and underemployed youth and adults are eligible to receive training.
LEVEL OF EDUCATION	O (LPN), V, OJT	O (LPN), V, OJT
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Occupation / Students Environmental control, total 2,248 Health, total 14,649 R.N. (Refresher) 972 Licensed Prac. Nurse 5,248 Nurse, aide, orderly 3,950 Medical aide 804 Medical Sect. or clerk 945 Other 2,730 Grant Total 16,897	22,399 students trained in all occupations; 626 in Health and Related Environmental Control.
FY 70 FUNDS	Total: (transferred from Dept. of Labor) $126,400,000 Health: $ 14,852,859	Total: (transferred from Dept. of Labor) $13,330,000 Health: $ 255,465

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Office of Education -- Continued	
	Bur. of Adult, Vocational, & Tech. Ed. Div. of Manpower Dev. & Trg.	Bureau of Education for the Handicapped
LEGISLATION	Manpower Development and Training Act of 1962, as amended (P.L. 87-415, as amended).	Training of Teachers for Handicapped, Act of 1958, P.L. 85-926 as amended in 1963, P.L. 88-164, 42 USC 611-617.
PROGRAM	Training & Technical Assistants (Title III, Section 309).	Formula Grants to States; Project Grants to Educational Institutions.
TYPE OF AID	Staff development, including awareness training. Any person or entity interested in staff development or technical assistance in manpower field eligible.	Formula grants to States; project grants to colleges and universities, to train speech pathologists/audiologists in senior colleges, graduate schools, and Departments of Education. Also, grants to students through institutions.
LEVEL OF EDUCATION	C	D, M, B, C
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Participants in all activities: 25,000 (est.). Health-related not identified.	1,727 speech pathologists/audiologists trained (FY 68). Level — Number Doctor's — 34 Master's — 506 Baccalaureate — 59 Other — 1,128 1,727
FY 70 FUNDS	Total: (transferred from Dept. of Labor) $2,315,042 Health not available.	Total: $29,900,000 Health: $ 3,700,000

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Office of Education--Continued	
	Bureau of Higher Education	
LEGISLATION	Higher Education Act of 1965, P.L. 89-329, Title IV; Higher Education Amendments of 1968, P.L. 90-575, Title I. National Defense Education Act of 1958 (P.L. 85-364, Title II, as amended by Part F of HEA Title IV, 1965).	Part A
PROGRAM	National Defense Student Loan Program	Educational Opportunity Grants
TYPE OF AID	Loan funds established at institutions of higher education, and at approved vocational or technical institutions offering programs of at least one year duration. Needy students may borrow for long term at low interest. Federal share to institutions up to 90%. Forgiveness to students up to 100% for teaching or military service under set conditions.	Grants to students with exceptional financial need through institutions, to meet any legitimate expenses of higher education in any course of study.
LEVEL OF EDUCATION	D, M, B, AA, V	B, AA, V
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	455,800 students in all occupations; data not available for health. Estimated total loan funds were $287 million.	280,600 students in all occupations; data not available for health.
FY 70 FUNDS	Total, $188,785,000 (est.) Federal Contribution Health not available.	Total, 142,577,000 (est.) Health not available.

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Office of Education--Continued	
	Bureau of Higher Education	
LEGISLATION	Higher Education Act of 1965, P.L. 89-329, Title IV; Higher Education Amendments of 1968, P.L. 90-575, Title I	
	Part B	Part C
PROGRAM	Guaranteed Student Loan Program--Higher Education	College Work-Study Program
TYPE OF AID	Student loan insurance programs established at qualified lending institutions such as banks, insurance companies, credit unions, and in some cases States, with interest up to 7% paid by Federal government. After education completed, student repays lender.	Grants to students with financial need, through reimbursement of educational institutions for part-time employment of such students, at the educational institution or elsewhere.
LEVEL OF EDUCATION	D, M, B, AA	C, PD, D, M, B, AA, V
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	721,325 students were in 3,475 institutions. Data not available for health.	375,000 students trained in all occupations; data not available for health. Estimated total grants were $189 million. (incl. matching share)
FY 70 FUNDS	Total $839,666,000 (est.). (Interest Payments $102,877,000). Health not available.	Total $146,539,000 (est.) Health not available.

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE Office of Education--Continued	
	Bureau of Educational Personnel Development	Bureau of Research
LEGISLATION	Education Professions Development Act of 1967, P.L. 90-35, as amended in 1968.	Vocational Education Act of 1963, as amended by P.L. 90-576, Part C.
PROGRAM	Education Professions Development Act, Parts D and F Grants	Comprehensive and Vocational Educational Research
TYPE OF AID	Grants to local education agencies, State education agencies, and institutions of higher education to support training and retraining programs for educational personnel to serve in leadership roles in Vocational and Technical Education.	Grants to local education agencies, State education agencies, and institutions of higher education to support research and development, experimental and pilot projects, and short-term training.
LEVEL OF EDUCATION	C, M	C
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Training for school psychologists.	State research coordinating units and, through the principal investigators of R & D projects.
FY 70 FUNDS	Total $79,523,000 Health $376,725	Total $1,100,000 Health not available.

ORGANIZATION	DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE	
	Social Security Administration	
LEGISLATION	Social Security Act of 1965, Title XVIII, P.L. 89-97	
PROGRAM	Reimbursement for an appropriate part of approved educational activities (Section 405-421 of Social Security Regulations).	
TYPE OF AID	Reimbursement to hospitals and other facilities for an appropriate part of the net cost of educational activities (i.e.,--the cost applicable to Medicare beneficiaries). Educational activities include programs for interns, residents, medical students, nurses, etc.	
LEVEL OF EDUCATION	PD, D, M, B, AA, V	
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Under Medicare, reimbursement was made to some 6,800 hospitals, 2,350 home health agencies, and 4,700 extended care facilities. There were approximately 800 hospitals with medical residency and/or intern programs among the participating hospitals. The amount of reimbursement for educational activities under Medicare is not available.	
FY 70 FUNDS	Training costs not available.	

ORGANIZATION	DEPARTMENT OF LABOR Manpower Administration	
LEGISLATION	Manpower Development and Training Act of 1962, as amended 42 USC 2571-2620	
	Title II, Parts A & B	
PROGRAM	MDTA (Institutional) State Allocations	MDTA (Institutional) Unapportioned Account
TYPE OF AID	Contracts and agreements usually with local employment services and education agencies, for occupational training of unemployed and underemployed persons. Program administered jointly by Department of Labor and the Department of Health, Education, and Welfare. Applications processed by State agencies.	Contracts and agreement usually with local employment services and education agencies, for occupational training of unemployed and underemployed persons. Program administered by Department of Labor and the Department of Health, Education, and Welfare. Applications submitted to Regional office of Department of Labor.
LEVEL OF EDUCATION	V, HS, OJT	V, HS, OJT
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Occupation / Trainees Practical Nurse 5,866 Nurse Aide 3,887 R.N. (Refresh.) 1,367 Psychiatric Aide 317 Surgical Assistant 310 Medical Laboratory Assistant 255 Other 1,018 13,020	Occupation / Trainees Practical Nurse 890 Waste Water Treatment Oper. 854 Sewage Plant Oper. 329 Env. Health Asst. 257 Psychiatric Aide 211 Env. Control Aide 150 Medical Lab. Asst. 144 Other 2,054 4,889
FY 70 FUNDS	Total Program: $258.1 million (Incl. $13.1 million carryover from F.Y. 69) Health: $26.5 million (State Alloca.) plus $14.3 million (unapportioned).	

ORGANIZATION	DEPARTMENT OF LABOR Manpower Administration	
LEGISLATION	(P.L. 87-415, 87-729, 88-214, 89-15, 89-792, and 89-794), Title II, Part A, Section 204	
PROGRAM	MDTA (On-the-job Training) State Allocations	MDTA (On-the-job Training) National Contracts
TYPE OF AID	Contracts with hospitals, health facilities or other employers, for on-the-job training of unemployed and underemployed persons who cannot secure full-time employment without such training. Applications processed by State agencies.	Contracts with hospitals, health facilities or other employers, for on-the-job training or unemployed and underemployed persons who cannot secure full-time employment without such training. Applications submitted directly to Washington.
LEVEL OF EDUCATION	OJT	OJT
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Occupation / Trainees: Nurse Aide, Orderly 608 Psychiatric Aide 340 Dental Laboratory Technician 216 Ward Clerk 110 Other 212 1,486	13,130 persons trained Data not available on individual occupations.
FY 70 FUNDS	Total Program: $54.6 million, Health: $1.2 million (State Alloca.) plus $4.7 million (national contracts).	

ORGANIZATION	DEPARTMENT OF LABOR Manpower Administration--Continued	
LEGISLATION	Source of Funds is Mixed, Includes both MDTA (P.L. 89-15) and EOA	
	EOA Title I-B, Section 123 (a) (5) (9) 42 USC 2740	EOA Title I-B, Section 123 (a) (8) 42 USC 2740
PROGRAM	Concentrated employment Program (CEP)	Job Opportunities in the Business Sector (JOBS)
TYPE OF AID	Only disadvantaged persons are included. Enrollees receive basic education, work experience, counseling, testing, guidance, on-the-job and skill training, vocational rehabilitation, medical, dental, and eye care, transportation, and use of day care centers. Operates in 70 cities.	Only disadvantaged persons are included. Employers must hire these workers first and train them afterwards. Employers are encouraged to provide not only jobs and training, but also a full range of supportive services. Employer is reimbursed for extraordinary costs involved.
LEVEL OF EDUCATION	V, HS, OJT	V, HS, OJT
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	1,590 (estimated) persons trained for health. Data not available on individual occupations.	1,412 persons trained Occupations — Trainees Nurse Aide, Orderly: 794 Other: 618 1,412
FY 70 FUNDS	Total: $199.0 million Health: $ 3.4 million (estimated)	Total: $175.0 million Health: $ 4.4 million (estimated)

ORGANIZATION	DEPARTMENT OF LABOR Manpower Administration--Continued	
LEGISLATION	(P.L. 88-452, P.L. 90-222)	
	EOA Title I-B, Section 123 (a)(1) and (2)	EOA Title I-B, Section 123 (a)(1) 42 USC 2740
PROGRAM	Disadvantaged Youth Out-of-School	Disadvantaged Youth In-School and Summer
TYPE OF AID	High school drop-outs from low income families receive necessary remedial education and vocational training and other services to prepare them for employment or to resume formal education. Limited to 14 to 18 years of age.	Assists disadvantaged students of high school age to remain in school by providing school year and summer work experience in public and non-profit settings.
LEVEL OF EDUCATION	V, HS, OJT	V, HS, OJT
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	3,2000 (estimated) youth received work experiences in health occupations; data not available for individual occupations.	159,100 youth received work experience; data not available for health.
FY 70 FUNDS	Total: $98.0 million Health: $ 9.8 million (estimated)	Total $184 million Health data not available

ORGANIZATION	DEPARTMENT OF LABOR Manpower Administration--Continued	
LEGISLATION	Title I-b of Economic Opportunity Act of 1964 (P.L. 88-452) as amended, and Manpower Development and Training Act, as amended.	
PROGRAM	Public Service Careers Program	
	New Careers Program	Other P.S.C. Programs
TYPE OF AID	Seeks permanent employment for disadvantaged persons or public agencies at every level, within merit system principles, and upgrading of current employees. Enrollees for entry level jobs must meet definition of disadvantaged and for upgrading the definition of "near poor."	Support of education and training to secure within merit principles employment for the disadvantaged and lower income persons in public service agencies. Also to stimulate upgrading of lower income personnel and to retrain and employ persons displaced because of economic downturn in an area.
LEVEL OF EDUCATION	OJT, HS, V, AA	All levels except GC
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	1,322 persons trained Occupations / Trainees Medical Aide 475 Practical Nurse 130 Medical Attendant 125 Other 592 1,322	51,525 trainees. Data on individual occupations not available.
FY 70 FUNDS	Total: $15.2 million Health: $7.4 million (estimated)	Total: $80.8 million Health: $8.9 million (Estimates: excludes New Careers Program)

ORGANIZATION	DEPARTMENT OF LABOR Manpower Administration--Continued	
LEGISLATION	Social Security Act as amended in 1967 (P.L. 90-248) Section 204(a), Part C	Title Ia EOA (42 USC 2711)
PROGRAM	Work Incentive Program	Job Corps
TYPE OF AID	The goal of this program is to move men, women, and youths 16 or older off the welfare rolls and into productive employment. Enrollees are referred by public welfare agencies and receive a variety of manpower and supportive services. Some are employed in special work projects before being placed in permanent jobs.	Aimed at young people who are either low income individuals or members of a low income family who are currently living in disruptive environment that impairs learning. Provides basic education, vocational training, and work experience for youths 16 through 21.
LEVEL OF EDUCATION	V, HS, OJT	V, HS, OJT
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	3,990 (estimated) individuals received training in health occupations. Data on individual occupations not available.	2,000 (estimated) individuals received training in health occupations. Data on individual occupations not available.
FY 70 FUNDS	Total: $85.1 million Health: $16.1 million (estimated)	Total: $170.2 million Health: $10.0 million

ORGANIZATION	DEPARTMENT OF AGRICULTURE	
	Consumer and Marketing Service	Cooperative State Research Service
LEGISLATION	Federal Meat Inspection Act as amended 21 USC 601-624; 641-645; 661; 671-680 as amended by P.L. 91-342. 1970 Poultry Products Inspection Act as amended, 21 USC 451-470	Hatch Act 7 USC (361a-361i) Cooperative Forestry Research Act (16 USC 582-582a-7); Grants for Research (42 USC 1891-1893; 7 USC 4506)
PROGRAM	Internal Training for Meat and Poultry Inspectors	Payments to State Agricultural Research Stations
TYPE OF AID	Cost for training Federal inspectors paid from Federal funds; cost for training State personnel shared between USDA and State government.	Grants are authorized for research aimed at improving the broad fields of agriculture and forestry. The training of graduate students occurs indirectly through their participation in research on specific projects being conducted at the various institutions.
LEVEL OF EDUCATION	C, V, OJT	C, PD, D, M
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	1,305 Federal employees trained in meat and poultry inspection techniques; 988 State and local employees trained in meat and poultry inspection techniques.	Precise information on current numbers of students in specific health-related research areas is not available; the best estimate is 370 health-related students under training in 1970.
FY 70 FUNDS	$1,214,000 (estimated)	Total: $59,500,000 Health: $8,100,000 (estimated)

ORGANIZATION	DEPARTMENT OF AGRICULTURE	
	Agricultural Research Service	Foreign Economic Development Service Foreign Training Division
LEGISLATION	Act of 1884 establishing the Bureau of Animal Industries (7 USC 147a, 391); The Organic Act of 1956 (21 USC 114a); and the Government Employee's Training Act P.L. 85-107	Foreign Assistance Act, as amended Section 632(b)
PROGRAM	Internal training for veterinarians, laboratory technologists, and laboratory scientists.	Training foreign nationals
TYPE OF AID	Training related to consumer, producer, and public health protection is provided to State and Federal employed veterinarians, laboratory technologists, and laboratory scientists.	Tuition, fees, and maintenance allowances in support of participants under Agency for International Development sponsorship for training in consumer protection aspects of agriculture.
LEVEL OF EDUCATION	OJT	C, D, M, B, OJT
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	157 State employees and 506 Federal employees.	25 Project Implementation Orders Participants. 25 students (food technology, nutrition, veterinary medicine, and meat inspection).
FY 70 FUNDS	$48,000	Total $3,200,000 Health $100,000

ORGANIZATION	APPALACHIAN REGIONAL COMMISSION
LEGISLATION	Appalachian Regional Development Act of 1965, P.L. 89-4; as amended 1969 P.L. 91-123, Section 202
PROGRAM	Health Manpower Development Grants
TYPE OF AID	Planning and project grants to academic and medical institutions in Appalachia to recruit and train allied health worker (Medical Laboratory Technician and Assistant, Dental Assistant, Surgical Assistant, Physical Therapy and Recreational Therapy Assistant, Mental Health Technician and Assistant, Radiologic Technician, Epidemiology Technician, Medical Record Technician, Licensed Practical Nurse, Medical Secretaries, Medical Office Assistant, Ward Secretary, and Nursing Home Management), provide Family Medicine Residencies, and in-service training for Registered Nurses. Grants may be for building renovation, equipment and program operation as well as allied health manpower education development. Grants by Appalachian Regional Commission (non-federal) through HSMHA to applicant institution in states.
LEVEL OF EDUCATION	C, OJT, V, O, AA, PB, I & R
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Grants to 31 institutions in Appalachia have been made, affecting approximately 500 trainees.
FY 70 FUNDS	Total $1,666,426

ORGANIZATION	ATOMIC ENERGY COMMISSION Division of Nuclear Education and Training	
LEGISLATION	Atomic Energy Act of 1954, as amended, Sections 31a and 31b (P.L. 83-703)	
PROGRAM	Medical Qualifications Courses (Medical Radioisotopes Courses)	Nuclear Medical Technology Course
TYPE OF AID	Cost-type contract with Oak Ridge Associated Universities (ORAU) for staff and overhead costs for providing physicians with basic training and clinical experience in safe and proper use of radioisotopes in medical applications.	Cost-type contract with Oak Ridge Associated Universities (ORAU) for staff and overhead costs for providing experienced nuclear medical technicians with intensive training and experience.
LEVEL OF EDUCATION	C, PD	C, V
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	76 physicians trained	24 individuals trained
FY 70 FUNDS	$44,036 (costs)	$29,358 (costs)

ORGANIZATION	ATOMIC ENERGY COMMISSION Division of Nuclear Education and Training--Continued	
LEGISLATION		
PROGRAM	Special Fellowships in Radiation Science and Protection	Special Fellowships in Industrial Medicine
TYPE OF AID	Fellowships to students to help meet national requirements for personnel trained in radiation science and protection.	Fellowships to students to help satisfy demand for physicians with training in industrial hazards of atomic energy. Institutional allowances to cover tuition and fees.
LEVEL OF EDUCATION	D, M	C, PD
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Fellowships to 58 individuals	Fellowships to 6 physicians
FY 70 FUNDS	$427,746 (costs)	$69,438 (costs)

ORGANIZATION	DEPARTMENT OF COMMERCE	
	Economic Development Administration	
LEGISLATION	Manpower Development and Training Act of 1962 (P.L. 87-415) (42 USC 2571-2620) as amended	Public Works and Economic Development Act of 1965, (P.L. 89-136) as amended
PROGRAM	Manpower Development and Training Act, Section 241	Public Works Program under Economic Development Act
TYPE OF AID	Project grants to non-profit institutions for training unemployed or underemployed residents of EDA-designated redevelopment areas.	Public Works grants to provide funds for public facilities in economically depressed areas. Non-Federal share of funds required to be 20% to 50% of the total project cost.
LEVEL OF EDUCATION	V, HS, OJT	
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Occupation / Insts. / Students Licensed Practical Nurse: 9 / 172 Nurse Aide: 3 / 114 Home Health Aide: 2 / 61 14 / 347	Type of facility / Insts. Vocational schools: 8 Hospitals: 2 10
FY 70 FUNDS	Total $22,000,000 Health $929,595	Total $174,300,000 Health $9,810,000

ORGANIZATION	DEPARTMENT OF COMMERCE--Continued
	Economic Development Administration
LEGISLATION	Manpower Development and Training Act of 1962 as amended (42 USC 2571) and Title I-B of the Economic Opportunity Act of 1964 as amended (42 USC 2701)
PROGRAM	Public Service Career Program, Plan B
TYPE OF AID	Project grants to non-profit institutions for training unemployed or underemployed residents of EDA-designated multi-county economic development districts for jobs in the public sector.
LEVEL OF EDUCATION	V, OJT, O
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Occupation / Students (approx.) Nurses Aide 900 Licensed Practical Nurse 200 1,100
FY 70 FUNDS	Total $4,800,000 Health $2,000,000 (approx.)

ORGANIZATION	DEPARTMENT OF DEFENSE	DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
	Air Force, Army, and Navy	Office of Small Town Services and Intergovernmental Relations
LEGISLATION	National Security Act of 1947, as amended	Housing Act of 1964, Title VIII (P.L. 88-560, 78 Stat. 802; 20 USC 80) as amended
PROGRAM	In-house training in health occupations for military personnel	Community Development Training Program
TYPE OF AID	Training programs to provide military services with professional and nonprofessional medical manpower necessary to meet the medical service requirements of DOD personnel, dependents, and facilities. Each of the services has an established training program intended for military personnel only and not designed to be related to programs outside the military.	Matching grants to State and local government. These grants provide seminars to help upgrade skills of professional and technical persons and those with the capacity to attain these skills in community development fields. The State is required to provide at least 50% of the cost of training.
LEVEL OF EDUCATION	All levels	C, V, OJT
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Not available at this time.	Approximately 300 persons attended seminars in the field of environmental health--air pollution specialists, sanitary engineers, sanitarians, sanitarian technicians, and environmental health aides.
FY 70 FUNDS	Not available.	Total $3,000,000 Health $15,000

ORGANIZATION	DEPARTMENT OF INTERIOR	
	Office of Territories	
LEGISLATION		
PROGRAM	Trust Territory School of Nursing	Trust Territory Medical Training and Scholarship Programs
TYPE OF AID	Operational budget for a school with 2 1/2 year curriculum leading to a certificate as a graduate nurse. (Valid only in Trust Territory.)	Scholarships for training personnel in all areas of health service.
LEVEL OF EDUCATION	V	C, I&R, D, B, AA
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	One school with 84 students enrolled.	68 scholarships.
FY 70 FUNDS	$142,000	$169,000

ORGANIZATION	DEPARTMENT OF INTERIOR	
	Office of Territories	Bureau of Mines
LEGISLATION		Federal Coal Mine Health and Safety Act of 1969 (P.L. 91-173) Federal Metal and Non-metallic Safety Act (P.L. 89-577)
PROGRAM	Special Training for Health Workers in the Trust Territory	Bureau of Mines In-house Training Programs
TYPE OF AID	In-service training to up-grade health workers throughout the Territory.	Short-term training for Federal mine inspectors and industry personnel whose duties relate to dust measurement and suppression, radiation control, and noise moderation.
LEVEL OF EDUCATION	C, OJT	C, OJT
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Training conducted in 6 district hospitals.	A. Approximately 2,000 persons trained, primarily Federal mine inspectors. B. Grants available to States as matching contributions for similar training and for research and improvement of workmen's diseases laws and programs (not utilized in FY '70).
FY 70 FUNDS	Not available.	$25,000 (approximately)

ORGANIZATION	DEPARTMENT OF INTERIOR--Continued
	Federal Water Quality Administration
LEGISLATION	33 USC 466, et seq., Federal Water Pollution Control Act as amended.
PROGRAM	Water Pollution Control Training Grants
TYPE OF AID	Training grants to assist institutions to establish, expand or improve training opportunities for individuals in practice, administration, research, or teaching in field of water pollution control.
LEVEL OF EDUCATION	M
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Grants awarded to 91 departments in 72 institutions; 846 trainees supported.

Field of Training	Students
Sanitary Engineering) Environmental Engineering)	641
Water Biology	102
Water Chemistry	48
Water Quality Mgmt.	34
Oceanographic Water Pollution Control	7
Chem. Engr. of Water Quality	6
Water Quality Economics	5
Water Quality Law	3
	846

FY 70 FUNDS	$4,020,000

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ORGANIZATION	DEPARTMENT OF INTERIOR--Continued
	Federal Water Quality Administration
LEGISLATION	33 USC 466, et seq., Federal Water Pollution Control Act as amended.
PROGRAM	Water Control Research Fellowships
TYPE OF AID	Research fellowships - grants to qualified individuals pursuing advanced degrees in disciplines directly related to careers in water pollution control.
LEVEL OF EDUCATION	PD, D
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	105 Graduate students supported.
FY 70 FUNDS	$600,000

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ORGANIZATION	DEPARTMENT OF JUSTICE Bureau of Prisons	
	In cooperation with Public Health Service	
LEGISLATION	No special legislation	
PROGRAM	Health Occupations Training for inmates	Health Occupations Training for Employees
TYPE OF AID	Direct Training	Direct Training
LEVEL OF EDUCATION	V	V

INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Occupation	Trainees	Occupation	Trainees
	Dental Assistant	10	Physicians' Assistant	12
	Dental Technician	45		
	Nursing Assistant	34		
		89		
FY 70 FUNDS	Supported by regular institutional budget.		Supported by regular institutional budget.	

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ORGANIZATION	DEPARTMENT OF JUSTICE Bureau of Prisons
	In cooperation with private schools
LEGISLATION	Manpower Development and Training Act, Section 251
PROGRAM	Paramedical Sub-Professional Skill Cluster
TYPE OF AID	Direct Training and Student Support
LEVEL OF EDUCATION	V
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Occupation — Trainees Medical Housekeeper — 36 X-ray Technician — 6 Laboratory Technician — 18 Prosthetic Technician — 8 Operating Room Assistant — 12 80
FY 70 FUNDS	$139,880 ($64,280 for student support)

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ORGANIZATION	NATIONAL SCIENCE FOUNDATION
LEGISLATION	The National Science Foundation Act of 1950, as amended (42 USC 1861-1875)
PROGRAM	NSF Programs Contributing to Support of Education and Training in the Sciences
TYPE OF AID	Grants to institutions for support of science education and research training and for the development of instructional programs and facilities. Grants for students through institutions as well as direct fellowship support to students.
LEVEL OF EDUCATION	C, PD, D, M, B, HS
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	High school, college, and university students and teachers supported in a variety of science education programs which may or may not be related to health. It is estimated that approximately 12,000 individuals participated in training programs which could be considered health-related in an estimated 400 colleges and universities.
FY 70 FUNDS	Total $438,000,000 Health-related $64,000,000 (estimated)

ORGANIZATION	OFFICE OF ECONOMIC OPPORTUNITY Office of Health Affairs	
	Comprehensive Health Services	Addiction, Alcoholism and Mental Health Services
LEGISLATION	Economic Opportunity Act of 1964, amended. Title II, Section 222(a)(4)(A), P.L. 90-222, 81 Stat. 672, 1967 42 USC 2809.	Economic Opportunity Act of 1964, as amended, Title II, Section 222(a)(8).
PROGRAM	Comprehensive Neighborhood Health Services Program	Alcoholic Counseling and Recovery
TYPE OF AID	Project grants to establish health centers offering complete and comprehensive health care to low income persons. Training and employment opportunities are offered to these persons.	Project grants to organizations and institutions to train aides, administrators, and counselors to develop and staff OEO assisted and other Alcoholic Programs.
LEVEL OF EDUCATION	OJT, GC, HS, O, V	Post HS, OJT
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Project grants to 64 centers by FY 70 Occupation — Students Clerical, Other 711 Dental Aide 102 Family Health Worker 674 Lab/X-ray/ Pharm. Aide 61 Medical Record Aide 60 Nurse Aide 281 Social Service Aide 182 Physician Assistant 5 2,076	Project grants in 5 cities (Atlanta, Baton Rouge, Chicago, New Brunswick, (N.J.) Salt Lake City) Occupation — Students Aides, Administrators, Counselors — 636 Total
FY 70 FUNDS	$7,000,000 (estimated)	$1,000,000 (estimated)

ORGANIZATION	OFFICE OF ECONOMIC OPPORTUNITY Office of Health Affairs--Continued	
	Emergency Food and Medical Services	Addiction, Alcoholism and Mental Health Services
LEGISLATION	Economic Opportunity Act of 1964, as amended 1967, Title II, Part B, Section 222(a)(5), 42 USC 2809.	Economic Opportunity Act of 1964, as amended, Title II, Section 222(a)(9).
PROGRAM	Comprehensive Community Food Programs	Drug Rehabilitation
TYPE OF AID	Grants through Regional Offices, mostly to Community Action Agencies, to develop comprehensive community food programs, with large outreach components.	Project grants to Comprehensive Drug Rehabilitation Programs to train ex-addicts as counselors in OEO assisted and other Drug Rehabilitation Programs.
LEVEL OF EDUCATION	In-service training of indigenous, outreach workers, in communication skills, health, food and social service programs.	OJT
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	About 550 Community Action Agencies. About 2,500 outreach workers.	Project grants in 11 states Occupations / Students Counselors 200
FY 70 FUNDS	$500,000 (estimated)	$320,000

ORGANIZATION	OFFICE OF ECONOMIC OPPORTUNITY Office of Health Affairs-- Continued Family Planning Services	VETERANS ADMINISTRATION Department of Veterans Benefits
LEGISLATION	Economic Opportunity Act of 1964, amended. Title II, Section 222(a)(6), 42 USC 2809.	Title 38 USC, chapter 31
PROGRAM	Family Planning Program	Vocational Rehabilitation for Disabled Veterans
TYPE OF AID	Project grants to establish family planning programs to care for low income persons. Training and employment to be offered to these persons.	Grants for students, directly or through institutions, to restore employability lost by a service-connected disability.
LEVEL OF EDUCATION	OJT	All levels
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Project grants to 350 programs Occupation / Students Clerical, Other 150 Outreach Worker 500 Medical Records Aide 200 Statistical Clerk 50 Social Services Aide 100 Clinic Aide 200 1,200	24,400 students in all fields, includes 500 in health.* Occupation / Students Dentist 10 Medical and Dental Technician 320 Nurse 90 Pharmacist 60 Physician 50 Veterinarian 30 Other 10 Total 570 *Estimates
FY 70 FUNDS	$900,000 (estimated)	Total $41,750,000 Health not available

ORGANIZATION	VETERANS ADMINISTRATION Department of Veterans Benefits--Continued	
LEGISLATION	Title 38 USC, chapter 34	Title 38, chapter 35
PROGRAM	Educational Assistance for Post-Korean Veterans and Servicemen	Educational Assistance for Families of Deceased or Disabled Veterans
TYPE OF AID	Direct grants to students to provide educational benefits to qualified persons.	Direct grants to students to provide educational opportunities for families of deceased or disabled veterans.
LEVEL OF EDUCATION	All levels	All levels
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	1,230,000 students in all fields, includes 25,700 in health.* Occupation — Students Dentist — 2,100 Hospital and medical services — 700 Medical and related technician — 1,800 Medical technologist — 1,900 Nurse — 1,900 Pharmacist — 1,200 Physician — 14,200 Other — 1,900 Total — 25,700 *Estimates	52,500 students in all fields, includes 2,610 in health.* Occupation — Students Dentist — 80 Hospital and medical services — 370 Medical and related technician — 150 Medical technologist — 280 Nurse — 1,200 Pharmacist — 120 Physician — 210 Other — 200 Total — 2,610 *Estimates
FY 70 FUNDS	Total $938,775,000 Health not available	Total $51,925,000 Health not available

ORGANIZATION	VETERANS ADMINISTRATION Department of Medicine and Surgery	
LEGISLATION	Title 38 USC 4101(b) and 4114(b)	Title 38 USC 4113; Title 5 USC chapter 41
PROGRAM	Medical, Allied Health, and Medical Administrative Training	Postgraduate and Inservice Training
TYPE OF AID	Training is provided in VA hospitals and clinics to physicians and dentists (residents and interns), medical and dental students, graduate students in health fields, students of nursing schools and other professional health schools, students in health fields at community and junior colleges, and to health service trainees in accredited health services programs where college training is not required. Students in some programs receive payments for on-duty training hours.	The Postgraduate and Inservice Training Program supports various educational activities for staff of VA hospitals and clinics. This includes attendance by VA staff at intra-VA educational offerings and at extra-VA educational programs. Support of tuition and other contractual costs as well as travel and per diem is provided when required, to personnel who attend these activities. All staff is eligible.
LEVEL OF EDUCATION	All levels except GC	C
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Dental intern 109 Dental resident 178 Dental student 1,059 Medical intern 1,619 Medical resident 8,064 Med. Rehab. therapist 1,311 Medical student 11,699 Nursing student 14,093 Nurse, Prof. (ref.) 262 Pharmacy student 454 Practical nurse 2,746 Psychol. (Ph.D.& postdoc) 1,241 Social work. (Mast.& doc) 741 Other 5,475 Total 49,051	Medical, Allied Health, and Medical Administrative 14,134
FY 70 FUNDS	$89,735,000	Total $3,120,000

ORGANIZATION	VETERANS ADMINISTRATION Department of Medicine and Surgery--Continued
LEGISLATION	Title 38 USC, chapter 81, Subchapter IV
PROGRAM	Exchange of Medical Information Program
TYPE OF AID	The Exchange of Medical Information Program strengthens VA hospitals not affiliated with medical schools, usually in peripheral locations. It is intended through EMI to foster an environment of academic medicine within VA hospitals. A wide range of methods of dissemination of information is used, including closed circuit television, single concept films, and other educational media. There are no matching requirements.
LEVEL OF EDUCATION	C
INSTITUTIONS OR INDIVIDUALS SUPPORTED FY 70	Grants to medical schools and hospitals Pilot Programs under VA auspices
FY 70 FUNDS	Total $1,998,000

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Abbreviations for Federal Departments, Independent Agencies, and Other

DHEW.....Department of Health, Education, and Welfare
- OE.....Office of Education
  - BAVTE.....Bureau of Adult, Vocational, and Technical Education
  - BEH.....Bureau of Education for the Handicapped
  - BHE.....Bureau of Higher Education
  - BEPD.....Bureau of Educational Personnel Development
  - BR.....Bureau of Research
- PHS.....Public Health Service
  - EHS.....Environmental Health Service
    - ECA.....Environmental Control Administration
    - NAPCA....National Air Pollution Control Administration
  - FDA.....Food and Drug Administration
  - HSMHA.....Health Services and Mental Health Administration
    - CHS.....Community Health Service
    - MCHS.....Maternal and Child Health Service
    - IHS.....Indian Health Service
    - NCHS.....National Center for Health Statistics
    - NCHSR/D..National Center for Health Services Research and Development
    - NIMH.....National Institute of Mental Health
    - RMPS.....Regional Medical Program Service
  - NIH.....National Institutes of Health
    - BHME.....Bureau of Health Manpower Education
    - NLM.....National Library of Medicine
    - I/RD.....Institutes and Research Divisions
- SRS.....Social and Rehabilitation Service
  - AOA.....Administration on Aging
  - MSA.....Medical Services Administration
  - RSA.....Rehabilitation Services Administration
- SSA.....Social Security Administration

DA.....Department of Agriculture
- CMS.....Consumer and Marketing Service
- CSRS.....Cooperative State Research Service
- ARS.....Agricultural Research Service

DC.....Department of Commerce
- EDA.....Economic Development Administration

DOD.....Department of Defense

DHUD.....Department of Housing and Urban Development

ID.....Department of Interior
- OT.....Office of Territories
- BM.....Bureau of Mines
- FWQA.....Federal Water Quality Administration

DJ.....Department of Justice
- BP.....Bureau of Prisons

DL.....Department of Labor
MA.....Manpower Administration
MDTA.....Manpower Development and Training Act
EOA.....Economic Opportunity Act
VA.....Veterans Administration
DVB.....Department of Veterans Benefits
DMS.....Department of Medicine and Surgery
AEC.....Atomic Energy Commission
ARC.....Appalachian Regional Commission
NSF.....National Science Foundation
OEO.....Office of Economic Opportunity
OHA.....Office of Health Affairs

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